

# Raji Atchudan

## List of Publications by Year in descending order

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118  
papers

7,348  
citations

46918

47  
h-index

60497

81  
g-index

118  
all docs

118  
docs citations

118  
times ranked

5595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly fluorescent nitrogen-doped carbon dots derived from <i>Phyllanthus acidus</i> utilized as a fluorescent probe for label-free selective detection of Fe <sup>3+</sup> ions, live cell imaging and fluorescent ink. <i>Biosensors and Bioelectronics</i> , 2018, 99, 303-311.	5.3	537
2	Facile green synthesis of nitrogen-doped carbon dots using <i>Chionanthus retusus</i> fruit extract and investigation of their suitability for metal ion sensing and biological applications. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 497-509.	4.0	301
3	Hydrophilic nitrogen-doped carbon dots from biowaste using dwarf banana peel for environmental and biological applications. <i>Fuel</i> , 2020, 275, 117821.	3.4	273
4	Turn-off fluorescence sensor for the detection of ferric ion in water using green synthesized N-doped carbon dots and its bio-imaging. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 235-242.	1.7	271
5	Nitrogen-doped carbon dots originating from unripe peach for fluorescent bioimaging and electrocatalytic oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 8-18.	5.0	268
6	Microwave assisted green synthesis of fluorescent N-doped carbon dots: Cytotoxicity and bio-imaging applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 154-161.	1.7	261
7	Facile synthesis of zinc oxide nanoparticles decorated graphene oxide composite via simple solvothermal route and their photocatalytic activity on methylene blue degradation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 500-510.	1.7	203
8	Efficient synthesis of highly fluorescent nitrogen-doped carbon dots for cell imaging using unripe fruit extract of <i>Prunus mume</i> . <i>Applied Surface Science</i> , 2016, 384, 432-441.	3.1	177
9	Betel-derived nitrogen-doped multicolor carbon dots for environmental and biological applications. <i>Journal of Molecular Liquids</i> , 2019, 296, 111817.	2.3	161
10	Sustainable synthesis of carbon quantum dots from banana peel waste using hydrothermal process for in vivo bioimaging. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 126, 114417.	1.3	158
11	Green synthesis of nitrogen-doped graphitic carbon sheets with use of <i>Prunus persica</i> for supercapacitor applications. <i>Applied Surface Science</i> , 2017, 393, 276-286.	3.1	146
12	Reductive-degradation of carcinogenic azo dyes using <i>Anacardium occidentale</i> testa derived silver nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 604-610.	1.7	143
13	Hydrothermal conversion of <i>Magnolia liliiflora</i> into nitrogen-doped carbon dots as an effective turn-off fluorescence sensing, multi-colour cell imaging and fluorescent ink. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 321-328.	2.5	134
14	<i>Caulerpa racemosa</i> : a marine green alga for eco-friendly synthesis of silver nanoparticles and its catalytic degradation of methylene blue. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1401-1408.	1.7	126
15	Effective photocatalytic degradation of anthropogenic dyes using graphene oxide grafting titanium dioxide nanoparticles under UV-light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 333, 92-104.	2.0	123
16	An ultrasensitive photoelectrochemical biosensor for glucose based on bio-derived nitrogen-doped carbon sheets wrapped titanium dioxide nanoparticles. <i>Biosensors and Bioelectronics</i> , 2019, 126, 160-169.	5.3	121
17	In-situ green synthesis of nitrogen-doped carbon dots for bioimaging and TiO <sub>2</sub> nanoparticles@nitrogen-doped carbon composite for photocatalytic degradation of organic pollutants. <i>Journal of Alloys and Compounds</i> , 2018, 766, 12-24.	2.8	120
18	Concurrent synthesis of nitrogen-doped carbon dots for cell imaging and ZnO@nitrogen-doped carbon sheets for photocatalytic degradation of methylene blue. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 350, 75-85.	2.0	114

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19	Utilization of waste biomass of <i>Poa pratensis</i> for green synthesis of n-doped carbon dots and its application in detection of Mn <sup>2+</sup> and Fe <sup>3+</sup> . <i>Chemosphere</i> , 2022, 286, 131764.	4.2	114
20	Green synthesized multiple fluorescent nitrogen-doped carbon quantum dots as an efficient label-free optical nanoprobe for in vivo live-cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 99-107.	2.0	112
21	A review on porous carbon electrode material derived from hypercross-linked polymers for supercapacitor applications. <i>Journal of Energy Storage</i> , 2020, 32, 101831.	3.9	102
22	Facile synthesis of carbon encapsulated RuO <sub>2</sub> nanorods for supercapacitor and electrocatalytic hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2323-2329.	3.8	98
23	High-performance glucose biosensor based on green synthesized zinc oxide nanoparticle embedded nitrogen-doped carbon sheet. <i>Journal of Electroanalytical Chemistry</i> , 2018, 816, 195-204.	1.9	97
24	Direct solvothermal synthesis of zinc oxide nanoparticle decorated graphene oxide nanocomposite for efficient photodegradation of azo-dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 337, 100-111.	2.0	87
25	Green synthesized N-doped graphitic carbon sheets coated carbon cloth as efficient metal free electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 14390-14399.	3.8	82
26	Chitin and chitosan based biopolymer derived electrode materials for supercapacitor applications: A critical review. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 104, 155-171.	2.9	82
27	Synthesis of various dimensional metal organic frameworks (MOFs) and their hybrid composites for emerging applications – A review. <i>Chemosphere</i> , 2022, 298, 134184.	4.2	82
28	Tunable fluorescent carbon dots from biowaste as fluorescence ink and imaging human normal and cancer cells. <i>Environmental Research</i> , 2022, 204, 112365.	3.7	78
29	Indian Gooseberry-Derived Tunable Fluorescent Carbon Dots as a Promise for In Vitro/In Vivo Multicolor Bioimaging and Fluorescent Ink. <i>ACS Omega</i> , 2018, 3, 17590-17601.	1.6	76
30	Electrochemical Detection of H <sub>2</sub> O <sub>2</sub> Using an Activated Glassy Carbon Electrode. , 2022, 1, 034401.		73
31	Supercapacitor performance of carbon supported Co <sub>3</sub> O <sub>4</sub> nanoparticles synthesized using <i>Terminalia chebula</i> fruit. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 489-495.	2.7	72
32	Facile synthesis of a novel nitrogen-doped carbon dot adorned zinc oxide composite for photodegradation of methylene blue. <i>Dalton Transactions</i> , 2020, 49, 17725-17736.	1.6	70
33	Catalytic degradation of organic dyes using green synthesized N-doped carbon supported silver nanoparticles. <i>Fuel</i> , 2020, 280, 118682.	3.4	67
34	A Review of Polymeric Micelles and Their Applications. <i>Polymers</i> , 2022, 14, 2510.	2.0	65
35	Spherical Chitosan/Gelatin Hydrogel Particles for Removal of Multiple Heavy Metal Ions from Wastewater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 9900-9907.	1.8	64
36	Sustainable synthesis of multifunctional carbon dots using biomass and their applications: A mini-review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105802.	3.3	61

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37	Direct growth of iron oxide nanoparticles filled multi-walled carbon nanotube via chemical vapour deposition method as high-performance supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2349-2360.	3.8	60
38	Synthesis and characterization of graphitic mesoporous carbon using metal oxide by chemical vapor deposition method. <i>Microporous and Mesoporous Materials</i> , 2015, 215, 123-132.	2.2	59
39	Highly graphitic carbon nanosheets synthesized over tailored mesoporous molecular sieves using acetylene by chemical vapor deposition method. <i>RSC Advances</i> , 2015, 5, 93364-93373.	1.7	59
40	Effects of Nanofillers on the Thermo-Mechanical Properties and Chemical Resistivity of Epoxy Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4255-4267.	0.9	59
41	Leftover Kiwi Fruit Peel-Derived Carbon Dots as a Highly Selective Fluorescent Sensor for Detection of Ferric Ion. <i>Chemosensors</i> , 2021, 9, 166.	1.8	54
42	Green synthesis of nitrogen-doped carbon nanograss for supercapacitors. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 475-486.	2.7	53
43	Fabrication of ZnO nanoparticles adorned nitrogen-doped carbon balls and their application in photodegradation of organic dyes. <i>Scientific Reports</i> , 2019, 9, 19509.	1.6	53
44	Synthesis of multilayer graphene balls on mesoporous Co-MCM-41 molecular sieves by chemical vapour deposition method. <i>Microporous and Mesoporous Materials</i> , 2013, 175, 161-169.	2.2	52
45	Polybenzoxazine originated N-doped mesoporous carbon ropes as an electrode material for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2018, 750, 384-391.	2.8	52
46	Biowaste-originated heteroatom-doped porous carbonaceous material for electrochemical energy storage application. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 98, 308-317.	2.9	51
47	Electrocatalytic and energy storage performance of bio-derived sulphur-nitrogen-doped carbon. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 357-369.	1.9	50
48	One-pot dual product synthesis of hierarchical Co <sub>3</sub> O <sub>4</sub> @N-rGO for supercapacitors, N-GDs for label-free detection of metal ion and bio-imaging applications. <i>Ceramics International</i> , 2018, 44, 2869-2883.	2.3	49
49	Enhanced solubility of guanosine by inclusion complexes with cyclodextrin derivatives: Preparation, characterization, and evaluation. <i>Carbohydrate Polymers</i> , 2019, 224, 115166.	5.1	48
50	Facile synthesis of monodisperse hollow carbon nanospheres using sucrose by carbonization route. <i>Materials Letters</i> , 2016, 166, 145-149.	1.3	47
51	Electro-synthesis of sulfur doped nickel cobalt layered double hydroxide for electrocatalytic hydrogen evolution reaction and supercapacitor applications. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 105-112.	1.9	47
52	Optical Sensor for Dissolved Ammonia Through the Green Synthesis of Silver Nanoparticles by Fruit Extract of Terminalia chebula. <i>Journal of Cluster Science</i> , 2016, 27, 683-690.	1.7	45
53	Binder-free electro-synthesis of highly ordered nickel oxide nanoparticles and its electrochemical performance. <i>Electrochimica Acta</i> , 2018, 283, 1609-1617.	2.6	44
54	Simultaneous removal of heavy metal ions using carbon dots-doped hydrogel particles. <i>Chemosphere</i> , 2022, 286, 131760.	4.2	42

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55	Facile synthesis of nitrogen-doped porous carbon materials using waste biomass for energy storage applications. <i>Chemosphere</i> , 2022, 289, 133225.	4.2	40
56	Graphene oxide-embedded chitosan/gelatin hydrogel particles for the adsorptions of multiple heavy metal ions. <i>Journal of Materials Science</i> , 2020, 55, 9354-9363.	1.7	39
57	Novel electrode material derived from porous polymeric organic framework of phloroglucinol and terephthaldehyde for symmetric supercapacitors. <i>Journal of Energy Storage</i> , 2020, 28, 101283.	3.9	39
58	Preparation of 2D Graphene/MXene nanocomposite for the electrochemical determination of hazardous bisphenol A in plastic products. <i>Chemosphere</i> , 2022, 287, 132106.	4.2	39
59	Eco-friendly synthesis of tunable fluorescent carbon nanodots from <i>Malus floribunda</i> for sensors and multicolor bioimaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112336.	2.0	38
60	Novel 13X Zeolite/PANI electrocatalyst for hydrogen and oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28337-28349.	3.8	38
61	Recent Advancements in Polysulfone Based Membranes for Fuel Cell (PEMFCs, DMFCs and AMFCs) Applications: A Critical Review. <i>Polymers</i> , 2022, 14, 300.	2.0	38
62	An efficient synthesis of graphenated carbon nanotubes over the tailored mesoporous molecular sieves by chemical vapor deposition. <i>Materials Research Bulletin</i> , 2013, 48, 2205-2212.	2.7	37
63	Influence of annealing temperature in nitrogen doped porous carbon balls derived from hypercross-linked polymer of anthracene for supercapacitor applications. <i>Journal of Energy Storage</i> , 2020, 28, 101196.	3.9	36
64	Facile hydrothermal synthesis of nitrogen rich blue fluorescent carbon dots for cell bio-imaging of <i>Candida albicans</i> . <i>Process Biochemistry</i> , 2020, 88, 113-119.	1.8	35
65	A novel binder-free electro-synthesis of hierarchical nickel sulfide nanostructures on nickel foam as a battery-type electrode for hybrid-capacitors. <i>Fuel</i> , 2020, 276, 118077.	3.4	34
66	Growth of ordered multi-walled carbon nanotubes over mesoporous 3D cubic Zn/Fe-KIT-6 molecular sieves and its use in the fabrication of epoxy nanocomposites. <i>Microporous and Mesoporous Materials</i> , 2013, 167, 162-175.	2.2	33
67	Synthesis and characterization of graphenated carbon nanotubes on IONPs using acetylene by chemical vapor deposition method. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 74, 355-362.	1.3	32
68	Electrochemically exfoliated graphene sheets as electrode material for aqueous symmetric supercapacitors. <i>Surface and Coatings Technology</i> , 2021, 416, 127150.	2.2	32
69	Recent Studies on Dispersion of Graphene-Polymer Composites. <i>Polymers</i> , 2021, 13, 2375.	2.0	32
70	Deep eutectic solvent assisted electrosynthesis of ruthenium nanoparticles on stainless steel mesh for electrocatalytic hydrogen evolution reaction. <i>Fuel</i> , 2021, 297, 120786.	3.4	32
71	Direct synthesis of nitrogen-rich carbon sheets via polybenzoxazine as highly active electrocatalyst for water splitting. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 13266-13275.	3.8	30
72	Electrochemical Sensing of Glucose Using Glucose Oxidase/PEDOT:4-Sulfocalix [4]arene/MXene Composite Modified Electrode. <i>Micromachines</i> , 2022, 13, 304.	1.4	28

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73	Solid Waste-Derived Carbon Fibers-Trapped Nickel Oxide Composite Electrode for Energy Storage Application. <i>Energy &amp; Fuels</i> , 2020, 34, 14958-14967.	2.5	27
74	Direct electro-synthesis of MnO <sub>2</sub> nanoparticles over nickel foam from spent alkaline battery cathode and its supercapacitor performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 414-423.	2.7	26
75	One-pot synthesis of Fe <sub>3</sub> O <sub>4</sub> @graphite sheets as electrocatalyst for water electrolysis. <i>Fuel</i> , 2020, 277, 118235.	3.4	26
76	Fabrication of High-Performance Asymmetric Supercapacitor Consists of Nickel Oxide and Activated Carbon (NiO//AC). <i>Catalysts</i> , 2022, 12, 375.	1.6	26
77	A Short Review on Recent Advances of Hydrogel-Based Adsorbents for Heavy Metal Ions. <i>Metals</i> , 2021, 11, 864.	1.0	24
78	Sustainability and antimicrobial assessments of apigenin based polybenzoxazine film. <i>Polymer</i> , 2019, 172, 100-109.	1.8	23
79	The use of bimetallic MCM-41 mesoporous catalysts for the synthesis of MWCNTs by chemical vapor deposition. <i>Journal of Molecular Catalysis A</i> , 2012, 355, 75-84.	4.8	22
80	Zirconium oxide intercalated sodium montmorillonite scaffold as an effective adsorbent for the elimination of phosphate and hexavalent chromium ions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106053.	3.3	22
81	Sustainable Synthesis of Silver Nanoparticles Using Marine Algae for Catalytic Degradation of Methylene Blue. <i>Catalysts</i> , 2021, 11, 1377.	1.6	22
82	Smartphone-Operated Wireless Chemical Sensors: A Review. <i>Chemosensors</i> , 2022, 10, 55.	1.8	21
83	Facile one-pot synthesis of novel structured IONP@C-HIOP composite as superior electrocatalyst for hydrogen evolution reaction and aqueous waste investigation of bio-imaging applications. <i>Journal of Molecular Liquids</i> , 2018, 268, 343-353.	2.3	20
84	Effect of microwave power irradiation on TiO <sub>2</sub> nano-structures and binder free paste screen printed dye sensitized solar cells. <i>Ceramics International</i> , 2019, 45, 4667-4673.	2.3	20
85	Multicolor-emitting carbon dots from <i>Malus floribunda</i> and their interaction with <i>Caenorhabditis elegans</i> . <i>Materials Letters</i> , 2020, 261, 127153.	1.3	19
86	Ultrasonic synthesis, characterization and energy applications of Ni-B alloy nanorods. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 901-907.	2.7	18
87	Green Synthesis of SnO <sub>2</sub> Nanoparticles for Catalytic Degradation of Rhodamine B. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 661-676.	0.7	18
88	Energy and environmental applications of ultrasonically sulfur doped copper-nickel hydroxides with heterostructures. <i>Journal of Alloys and Compounds</i> , 2017, 729, 126-136.	2.8	16
89	Synthetic disposable material derived-carbon supported NiO: Efficient hybrid electrocatalyst for water oxidation process. <i>Fuel</i> , 2021, 294, 120558.	3.4	16
90	N-Doped Mesoporous Carbon Prepared from a Polybenzoxazine Precursor for High Performance Supercapacitors. <i>Polymers</i> , 2021, 13, 2048.	2.0	16

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91	Metal-free nitrogen-rich glassy carbon as an electrocatalyst for hydrogen evolution reaction. <i>Materials Research Bulletin</i> , 2020, 124, 110734.	2.7	15
92	Biocompatible MXene (Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> ) Immobilized with Flavin Adenine Dinucleotide as an Electrochemical Transducer for Hydrogen Peroxide Detection in Ovarian Cancer Cell Lines. <i>Micromachines</i> , 2021, 12, 862.	1.4	15
93	Highly Fluorescent Carbon Dots as a Potential Fluorescence Probe for Selective Sensing of Ferric Ions in Aqueous Solution. <i>Chemosensors</i> , 2021, 9, 301.	1.8	15
94	Facile synthesis of novel molybdenum disulfide decorated banana peel porous carbon electrode for hydrogen evolution reaction. <i>Chemosphere</i> , 2022, 307, 135712.	4.2	15
95	Photocatalytic degradation of persistent brilliant green dye in water using CeO <sub>2</sub> /ZnO nanospheres. <i>Chemical Engineering Research and Design</i> , 2021, 156, 457-464.	2.7	14
96	Morus nigra-derived hydrophilic carbon dots for the highly selective and sensitive detection of ferric ion in aqueous media and human colon cancer cell imaging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 128073.	2.3	14
97	A Critical Review on Artificial Intelligence for Fuel Cell Diagnosis. <i>Catalysts</i> , 2022, 12, 743.	1.6	14
98	Synthesis of MWCNTs by the decomposition of acetylene over mesoporous Ni/Cr-MCM-41 catalyst and its functionalization. <i>Journal of Porous Materials</i> , 2012, 19, 797-805.	1.3	13
99	Antibacterial and antibiofilm activities of diphyllin against fish pathogens. <i>Microbial Pathogenesis</i> , 2020, 145, 104232.	1.3	13
100	Sustainable Synthesis of N/S-Doped Porous Carbon from Waste-Biomass as Electroactive Material for Energy Harvesting. <i>Catalysts</i> , 2022, 12, 436.	1.6	13
101	Exfoliation and Noncovalent Functionalization of Graphene Surface with Poly-N-Vinyl-2-Pyrrolidone by In Situ Polymerization. <i>Molecules</i> , 2021, 26, 1534.	1.7	12
102	A review on bismuth-based materials for the removal of organic and inorganic pollutants. <i>Chemosphere</i> , 2022, 306, 135521.	4.2	12
103	Synthesis, characterization, and antiproliferative and apoptosis inducing effects of novel triazine derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 1698-1714.	1.4	11
104	Interaction of Zwitterionic and Ionic Monomers with Graphene Surfaces. <i>Langmuir</i> , 2018, 34, 6737-6747.	1.6	11
105	Pulsed laser rusted stainless steel: a robust electrode material applied for energy storage and generation applications. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1242-1253.	2.5	11
106	Poly[2-(methacryloyloxy)ethyl phosphorylcholine]-Stabilized graphene-iron oxide composites for water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10850-10861.	3.8	11
107	Rapid response and highly selective sensing of adenosine based on novel photoluminescent vanadium nanoclusters anchored on MoS <sub>2</sub> nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127581.	4.0	10
108	Betel leaf derived multicolor emitting carbon dots as a fluorescent probe for imaging mouse normal fibroblast and human thyroid cancer cells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 136, 115010.	1.3	10

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109	Review "Recent Trends on the Synthesis and Different Characterization Tools for MXenes and their Emerging Applications. Journal of the Electrochemical Society, 2022, 169, 077501.	1.3	9
110	Synthesis and properties of polytriazoleimide containing anthracene, pyridine and 1, 2, 3-triazole groups and their nanocomposites with titanium dioxide. Polymer Engineering and Science, 2019, 59, 129-138.	1.5	8
111	Polyaniline "13X zeolite composite" supported platinum electrocatalysts for direct methanol fuel cell applications. Polymer International, 2019, 68, 929-935.	1.6	8
112	Effect of preparation methods on structure and catalytic activity of Ni loaded Ce x Zr1-x O2 catalysts for hydrogen production via autothermal reforming of ethane. Research on Chemical Intermediates, 2017, 43, 2817-2837.	1.3	7
113	The synthesis of mechanically stable polybenzoxazine-based porous carbon and its application as high-performance supercapacitor electrodes. New Journal of Chemistry, 2021, 45, 8738-8746.	1.4	7
114	Comparative investigation on antibacterial studies of Oxalis corniculata and silver nanoparticle stabilized graphene surface. Journal of Materials Science, 2022, 57, 11630-11648.	1.7	7
115	Synthesis and Characterization of Monodispersed Spherical Calcium Oxide and Calcium Carbonate Nanoparticles via Simple Pyrolysis. Nanomaterials, 2022, 12, 2424.	1.9	7
116	Facile synthesis of molybdenum disulfide adorned heteroatom-doped porous carbon for energy storage applications. Journal of Nanostructure in Chemistry, 2023, 13, 545-561.	5.3	5
117	Catalytic Influence of Bimetallic Bifunctional Ni-Pd/H <sup>+</sup> and H-Mordenite Nanoporous Catalysts for Hydroisomerisation of n-Octane. Journal of Cluster Science, 2016, 27, 1109-1129.	1.7	3
118	Controlled Synthesis of Platinum and Silver Nanoparticles Using Multivalent Ligands. Nanomaterials, 2022, 12, 2294.	1.9	1